

## **SESSION 1.8**

# **CALTRANS ATC DAT V 1.0**

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***2070 & ITS CABINET WORKSHOP - AUGUST 2001***

## **CALTRANS ATC DAT V 1.0**

- **DEFINITIONS:**

**ATC -**

**ADVANCE TRANSPORTATION CONTROLLER UNIT**

**DAT -**

**DIAGNOSTIC ACCEPTANCE TESTS**

**V 1.0**

**VERSION 1**



## **CALTRANS ATC DAT V 1.0**

- **ATC DAT V 1.0 IS COMPOSED OF  
THE EAGLE VALIDATION PROGRAM  
AND L.A. DOT TEST PROGRAMS WITH  
CERTAIN EDITS**
- **IT IS TARGETED FOR SEPT. 2001 RELEASE**



## TESTS:

- TIME-OF-DAY CLOCK & TIMING FUNCTIONS
- SERIAL COMMUNICATIONS
- FIELD I/O (INPUT/OUTPUT)
- SRAM / DRAM MEMORIES
- FLASH MEMORY
- FRONT PANEL ASSEMBLY TEST PROGRAM
- FIELD INPUT / OUTPUT TEST PROGRAM
- INTERNAL TIMERS
- SYSTEM INTERRUPTS & LOGIC FUNCTIONS

## LOAD, START

- **USE ANY COMMUNICATION PROGRAM THAT COMES WITH THE KERMIT PROTOCOL**  
**WE USE MS WINDOWS HYPERTERMINAL**
  - \* **CONNECT THE 2070 TO THE PC BETWEEN C50S PORT OF THE 2070 WITH COM PORT OF THE LOADING PC**  
**DEFAULT PORT RATE 9600 BPS**  
**LOAD ATC DAT V 1.0 PROGRAM FILES**  
**POWER ON/OFF**  
**PROGRAM AUTOMATICALLY STARTS**